

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
 Data File : BF092093.D
 Acq On : 5 Jan 2017 2:55
 Operator : UM/SJ
 Sample : I1004-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Jan 05 03:56:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

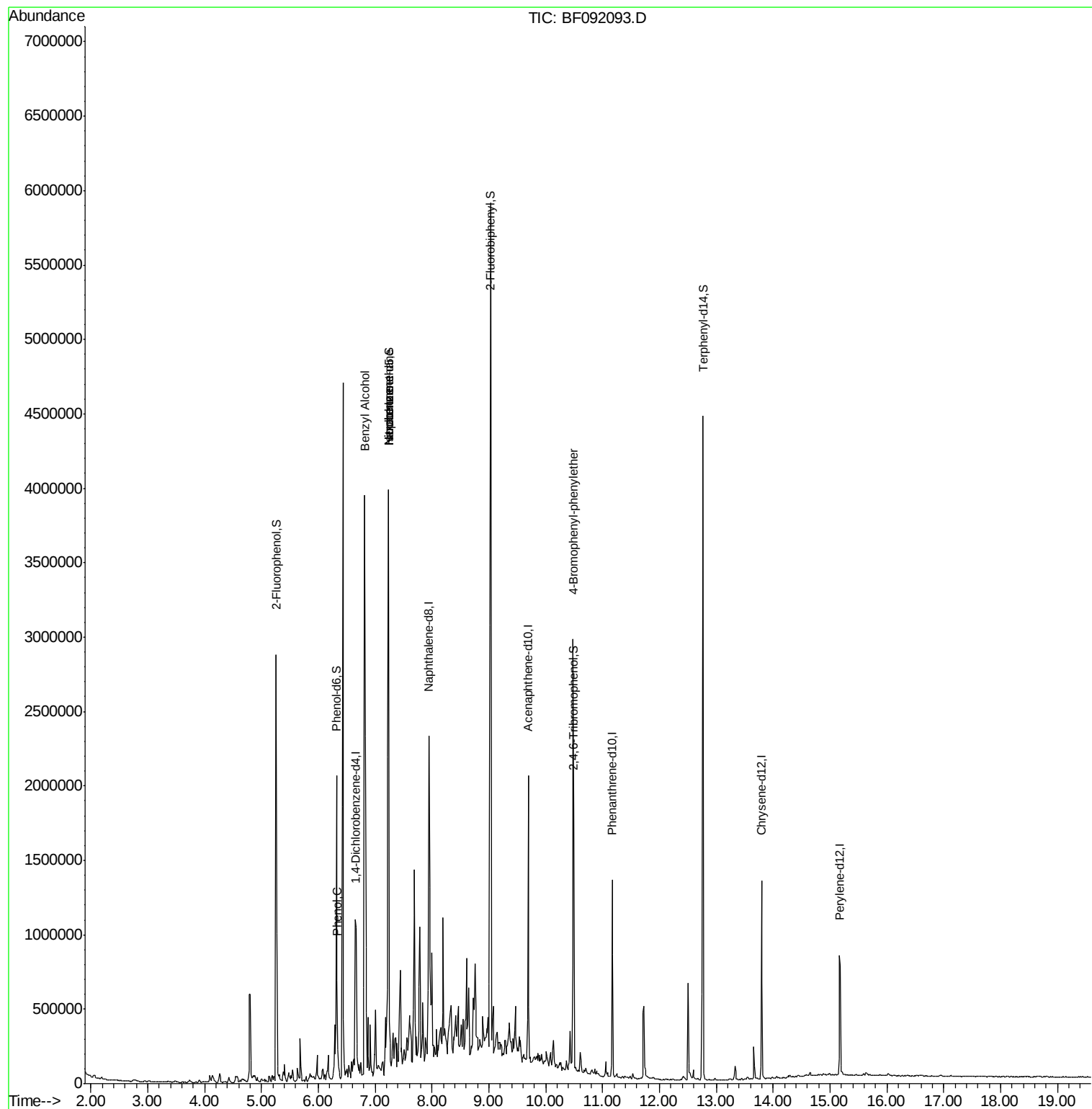
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	199745	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	718715	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	379756	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	604284	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	518806	20.00	ng	-0.01
86) Perylene-d12	15.18	264	445015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	858607	71.77	ng	0.00
7) Phenol-d6	6.32	99	717885	49.15	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1341677	103.80	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	495797	157.76	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2076024	116.84	ng	0.00
78) Terphenyl-d14	12.77	244	1991266	93.09	ng	0.00
Target Compounds						
9) Benzaldehyde	6.13	77	1293	Below Cal	#	1
10) Phenol	6.33	94	45365	2.73	ng	88
15) Benzyl Alcohol	6.81	79	25984	2.29	ng	43
18) Hexachloroethane	7.24	117	306851	55.98	ng	5
24) Nitrobenzene	7.24	77	34489	2.51	ng	13
25) Isophorone	7.24	82	1227737	51.49	ng	65
66) 4-Bromophenyl-phenylether	10.48	248	30825	4.90	ng	1
71) Anthracene	11.25	178	926	Below Cal	#	59
73) Di-n-butylphthalate	11.75	149	15963	Below Cal	#	98
74) Fluoranthene	12.38	202	3255	Below Cal	#	93

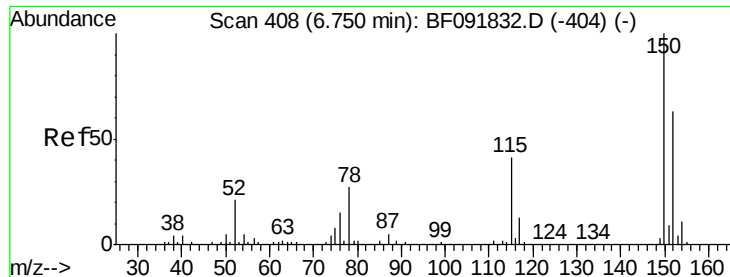
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010417\
Data File : BF092093.D
Acq On : 5 Jan 2017 2:55
Operator : UM/SJ
Sample : I1004-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-06

Quant Time: Jan 05 03:56:30 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 05 00:16:49 2017
Response via : Initial Calibration



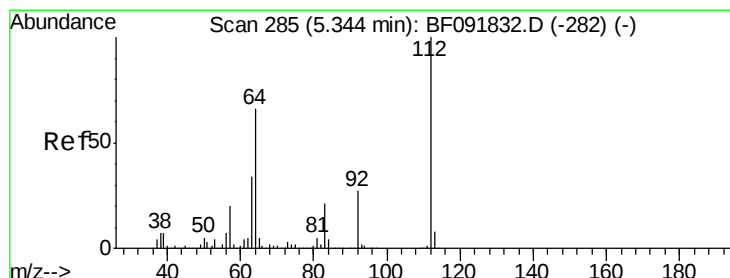
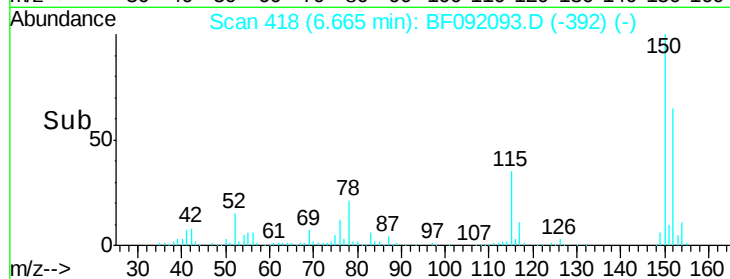
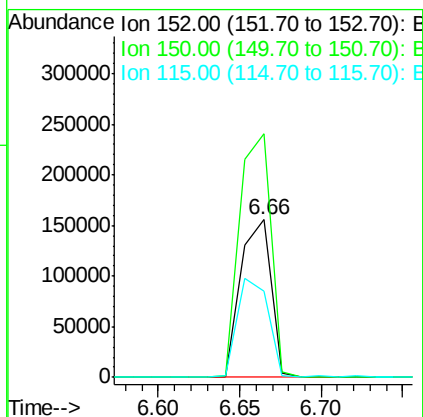
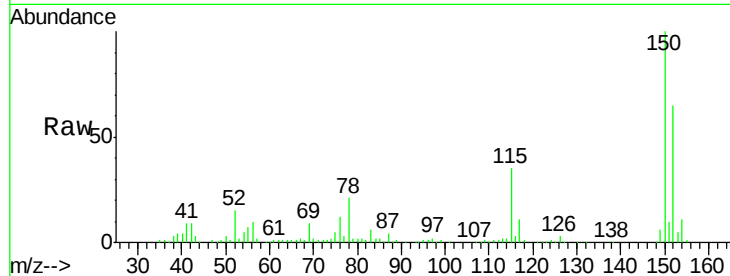


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

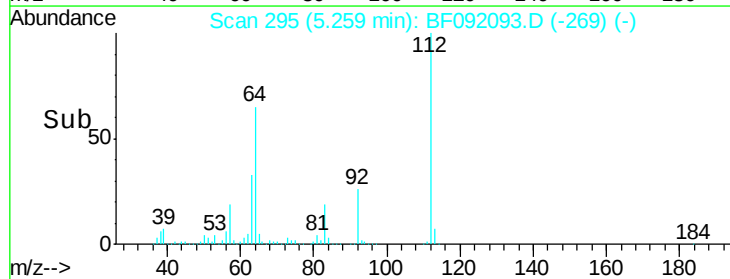
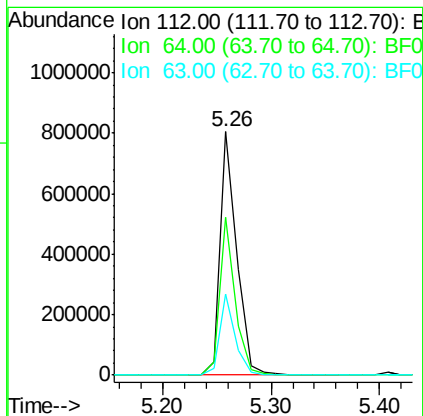
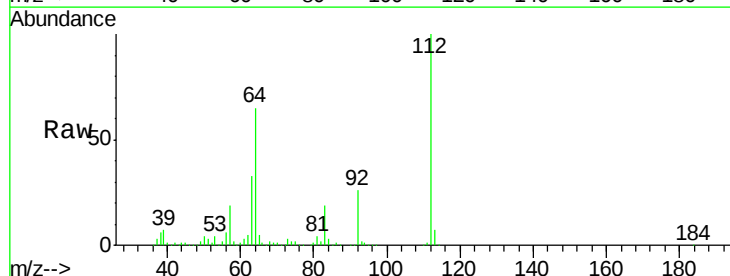
Tgt Ion:152 Resp: 199745
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.9 187.3
 115 54.4 46.0 69.0



#5

2-Fluorophenol
 Concen: 71.77 ng
 RT: 5.26 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

Tgt Ion:112 Resp: 858607
 Ion Ratio Lower Upper
 112 100
 64 64.6 46.1 69.1
 63 33.1 23.8 35.6





#7

Phenol-d6

Concen: 49.15 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

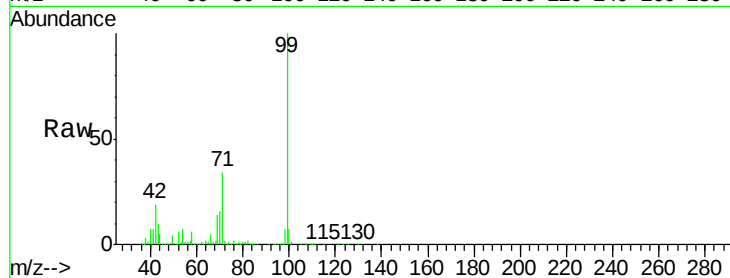
Tgt Ion: 99 Resp: 717885

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

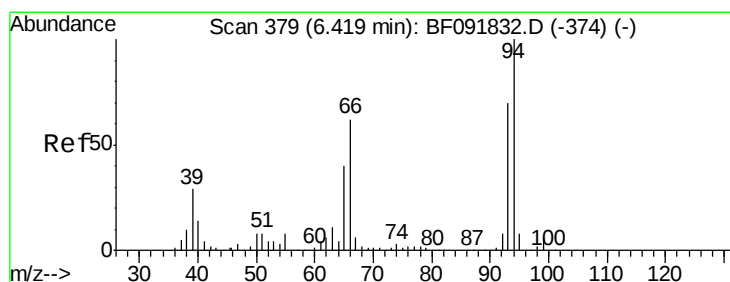
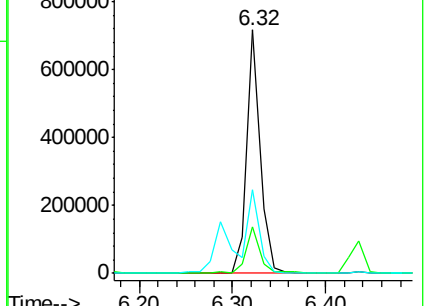
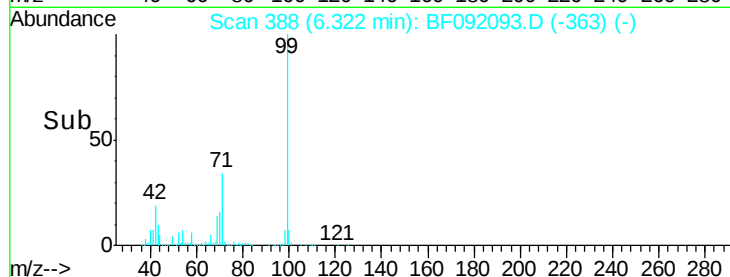
71 34.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.73 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

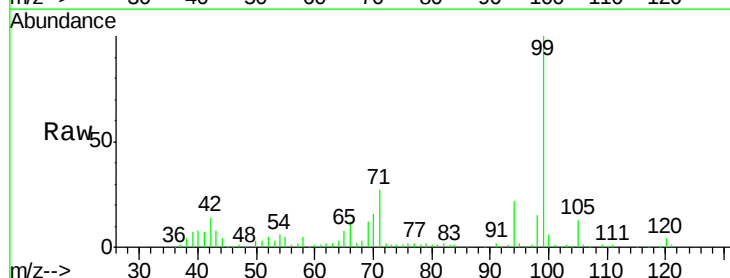
Tgt Ion: 94 Resp: 45365

Ion Ratio Lower Upper

94 100

65 35.5 21.4 61.4

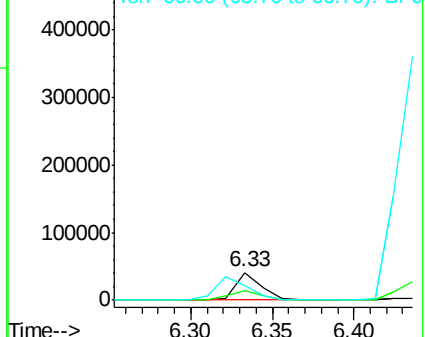
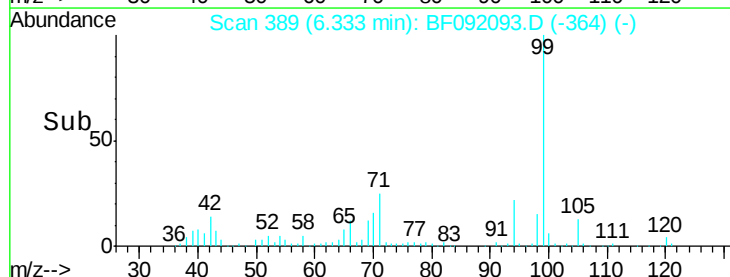
66 53.0 44.0 84.0

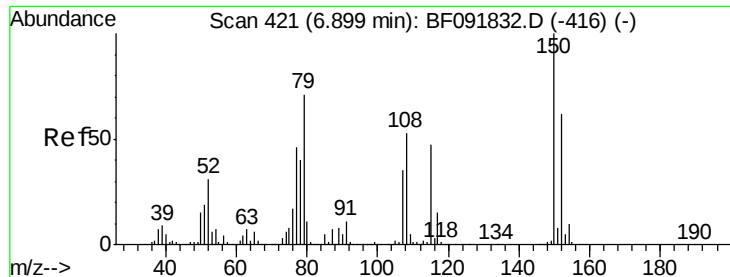


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

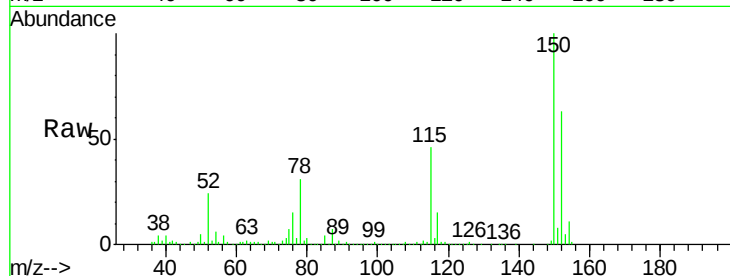
Tgt Ion: 79 Resp: 25984

Ion Ratio Lower Upper

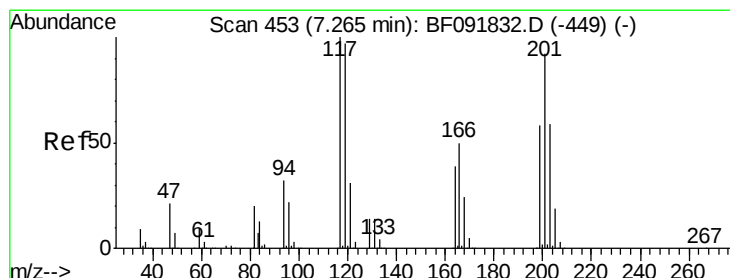
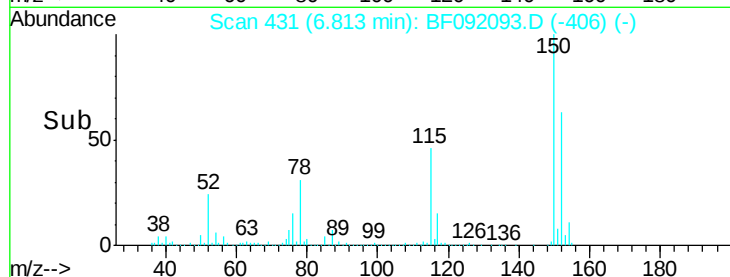
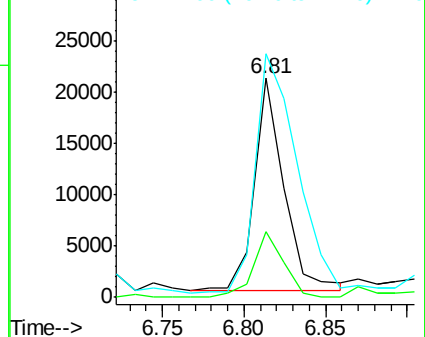
79 100

108 29.8 61.4 92.0#

77 111.3 50.9 76.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 55.98 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

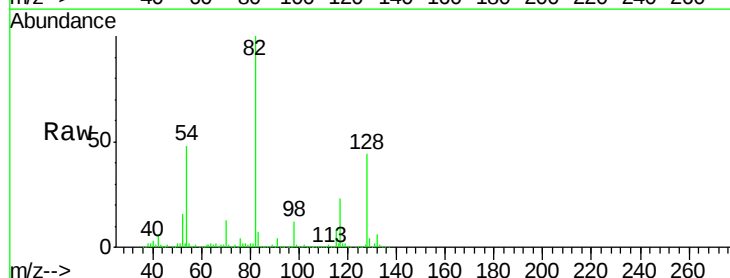
Tgt Ion: 117 Resp: 306851

Ion Ratio Lower Upper

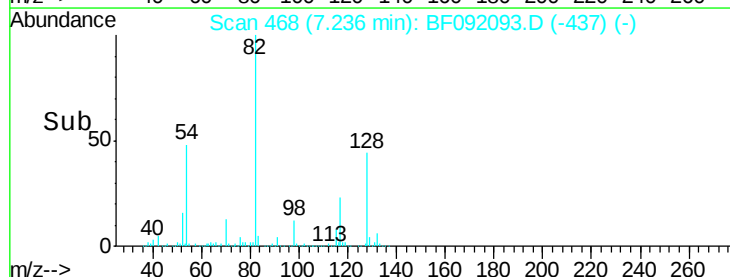
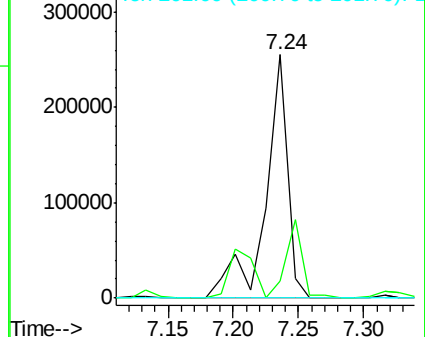
117 100

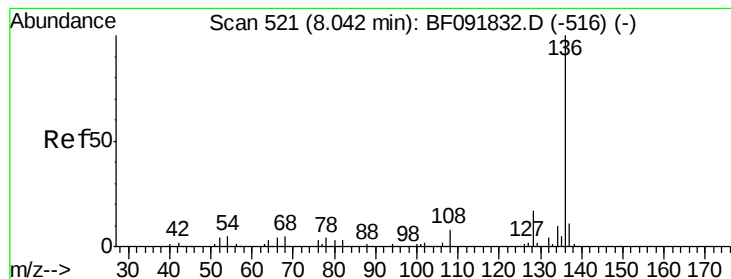
119 7.2 78.1 117.1#

201 0.0 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): B
Ion 119.00 (118.70 to 119.70): B
Ion 201.00 (200.70 to 201.70): B

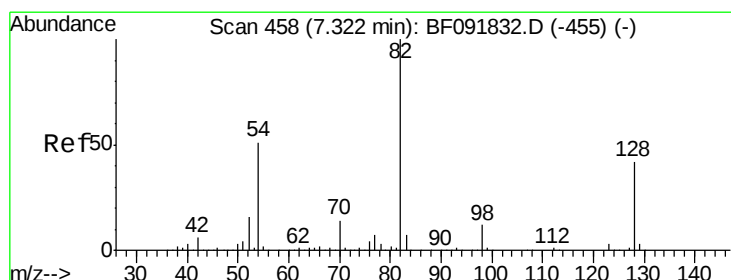
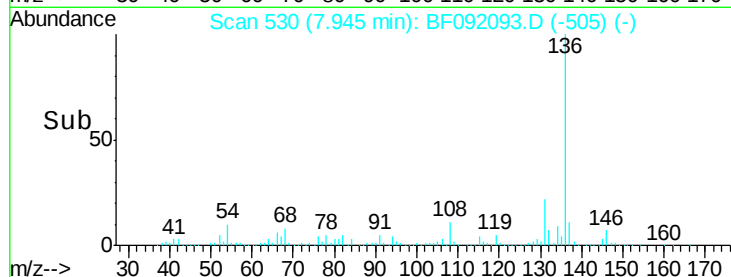
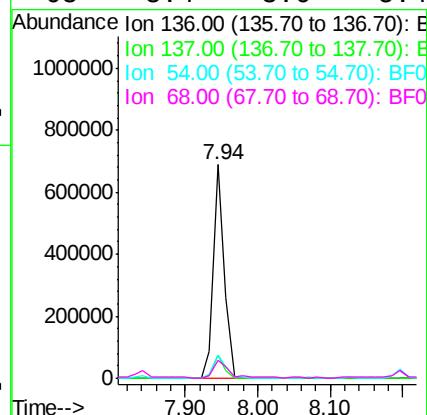
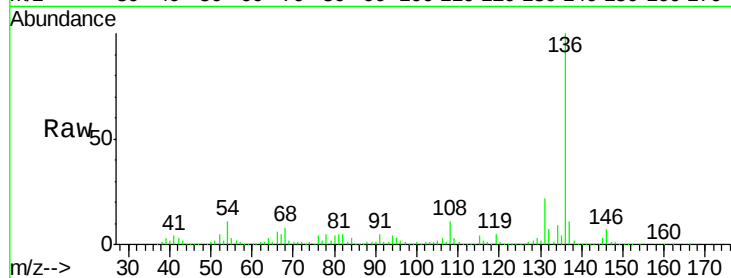




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092093.D
Acq: 5 Jan 2017 2:55

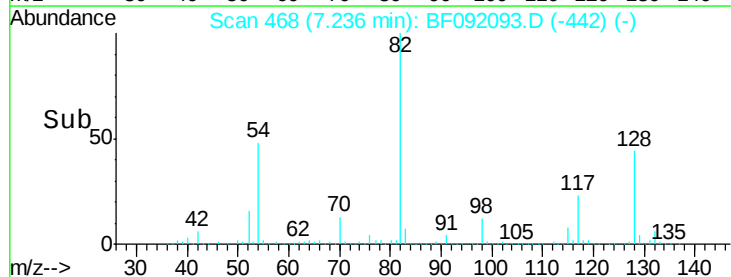
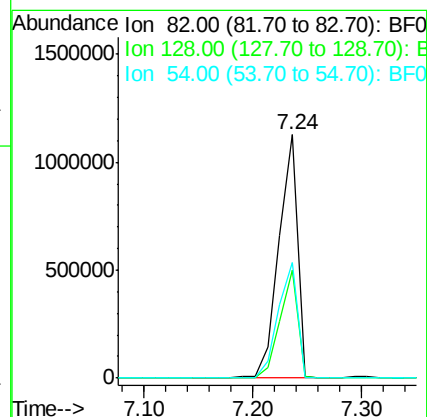
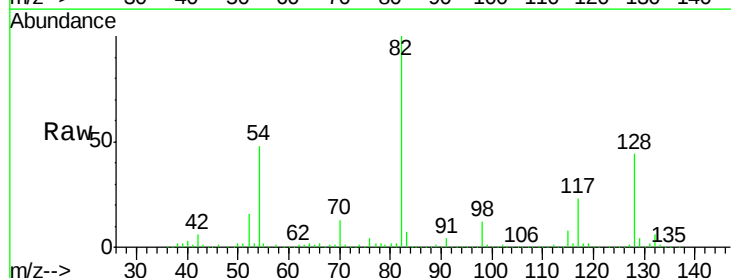
Instrument :
BNA_F
ClientSampleId :
MW-06

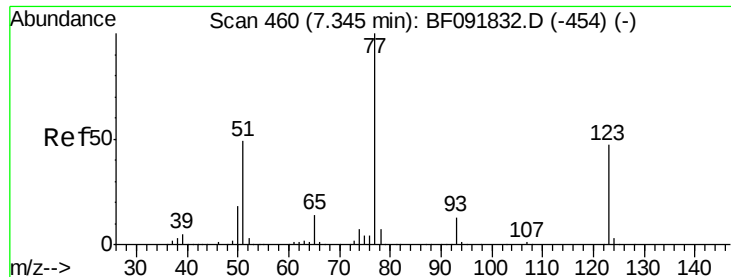
Tgt Ion:	136	Resp:	718715
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.6	4.5	6.7#
68	8.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 103.80 ng
RT: 7.24 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF092093.D
Acq: 5 Jan 2017 2:55

Tgt Ion:	82	Resp:	1341677
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	47.6	39.5	59.3

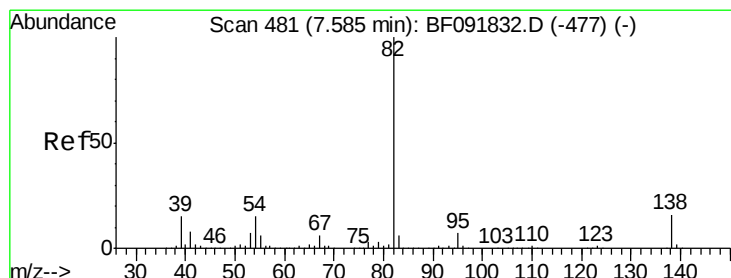
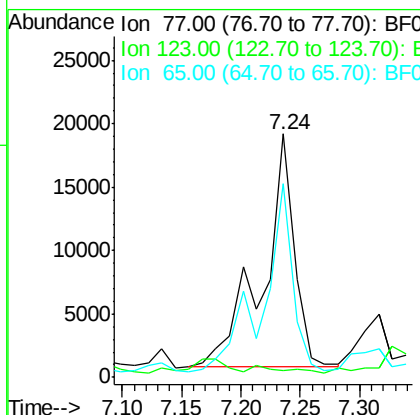
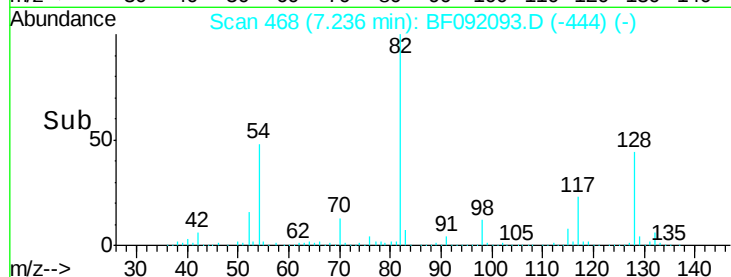
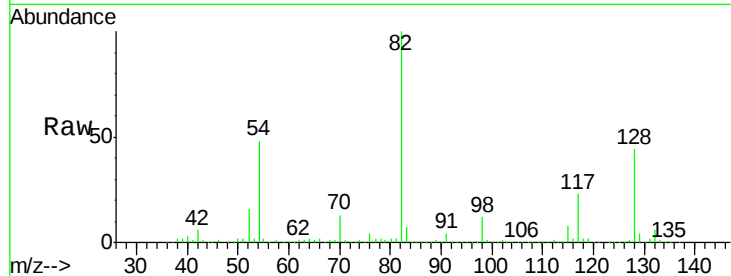




#24
Nitrobenzene
Concen: 2.51 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092093.D
Acq: 5 Jan 2017 2:55

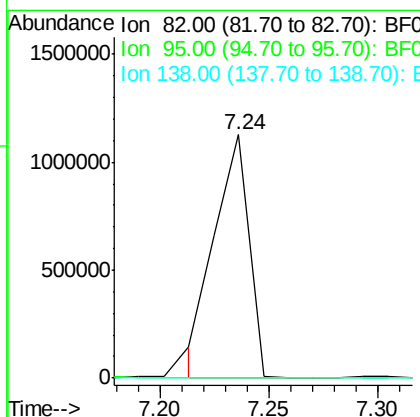
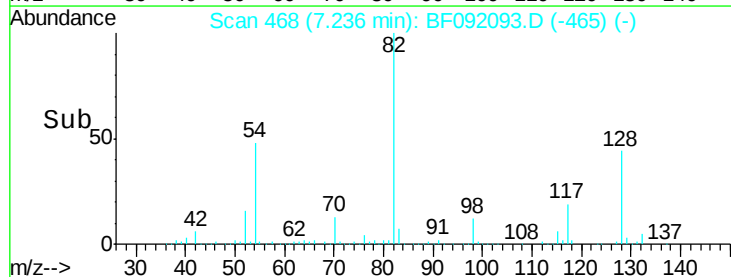
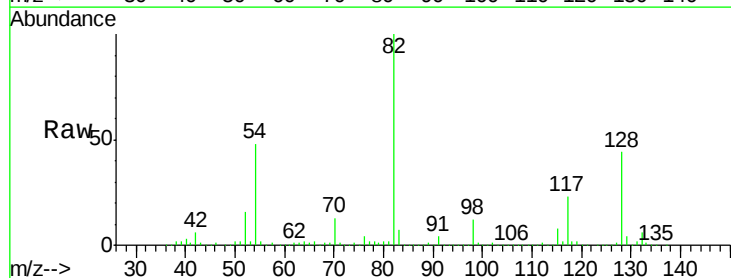
Instrument :
BNA_F
ClientSampleId :
MW-06

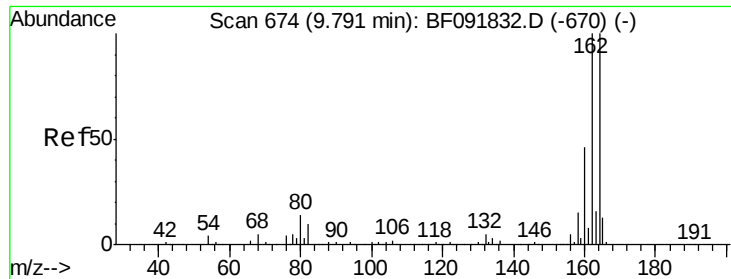
Tgt Ion: 77 Resp: 34489
Ion Ratio Lower Upper
77 100
123 2.6 33.0 49.4#
65 79.8 11.2 16.8#



#25
Isophorone
Concen: 51.49 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.26 min
Lab File: BF092093.D
Acq: 5 Jan 2017 2:55

Tgt Ion: 82 Resp: 1227737
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

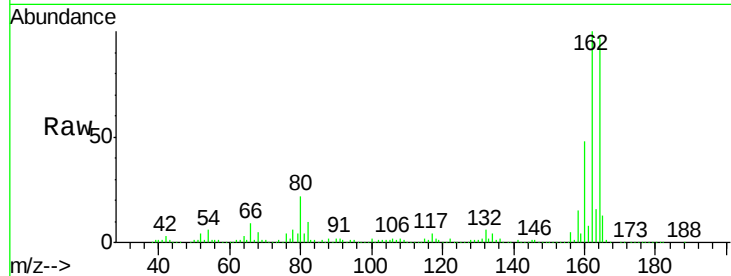
Tgt Ion:164 Resp: 379756

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

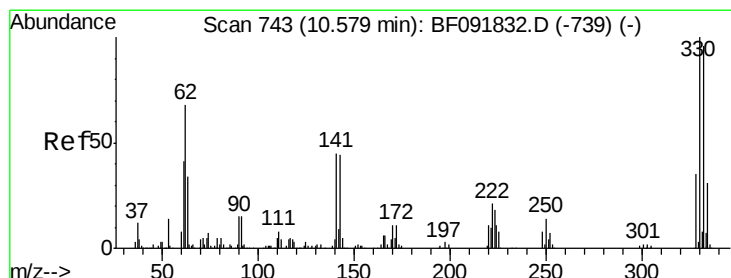
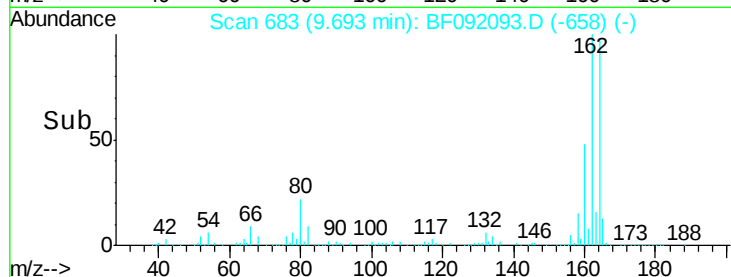
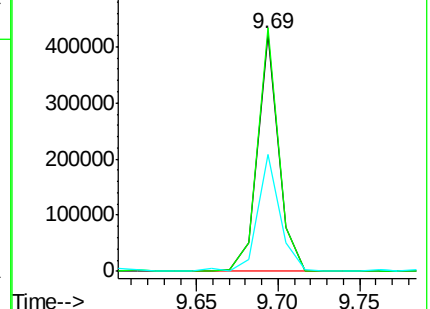
160 49.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 157.76 ng

RT: 10.49 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

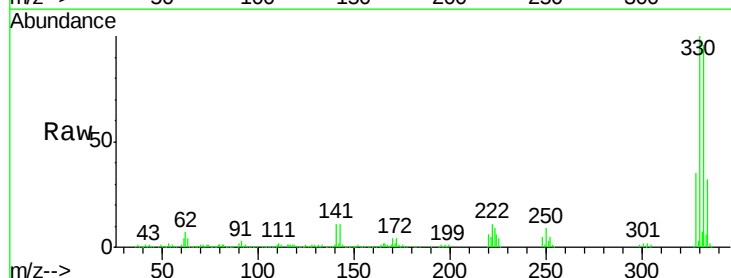
Tgt Ion:330 Resp: 495797

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

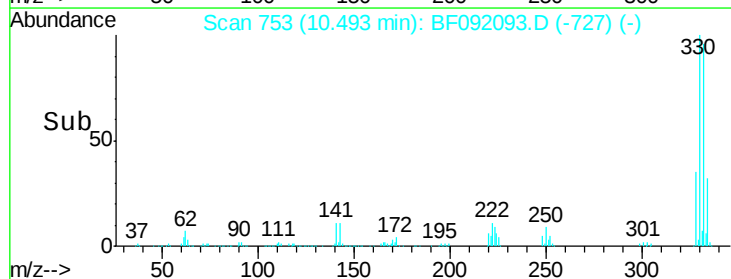
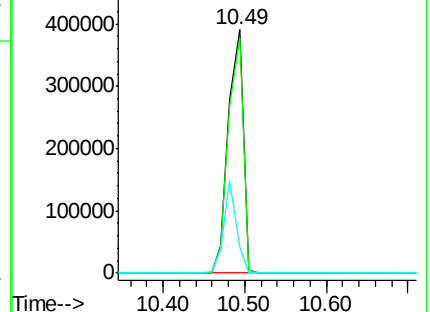
141 32.0 34.1 51.1#

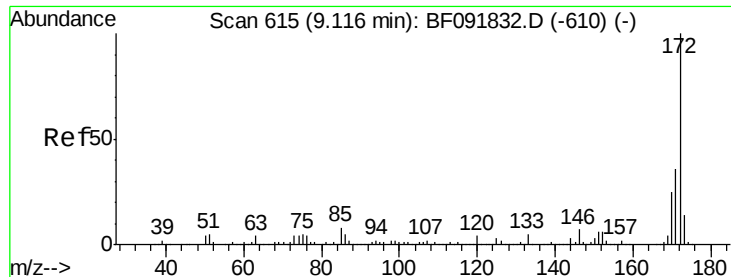


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

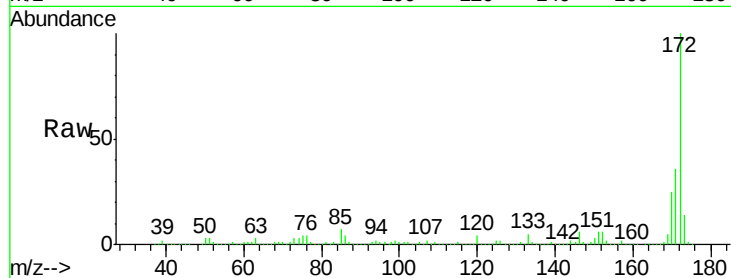




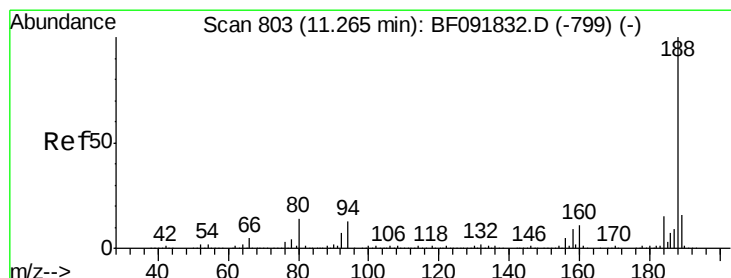
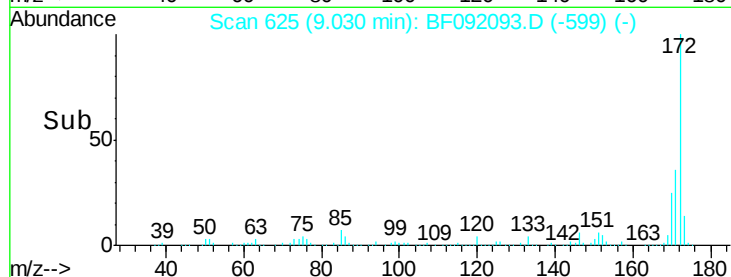
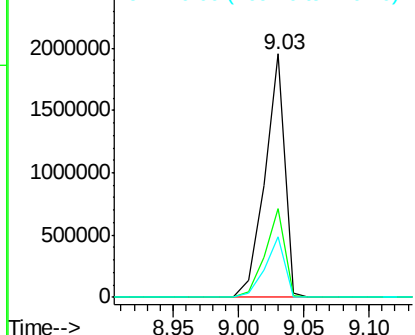
#44
 2-Fluorobiphenyl
 Concen: 116.84 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:172 Resp: 2076024
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4

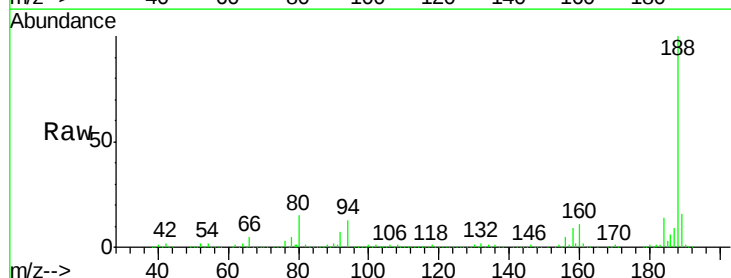


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

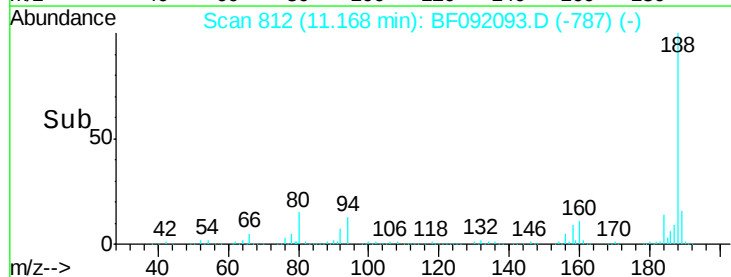
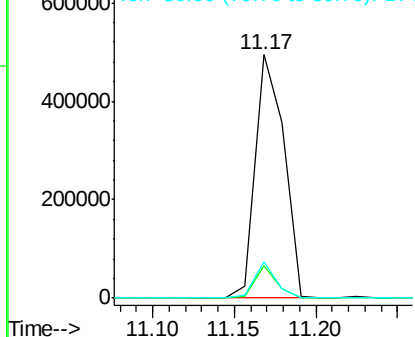


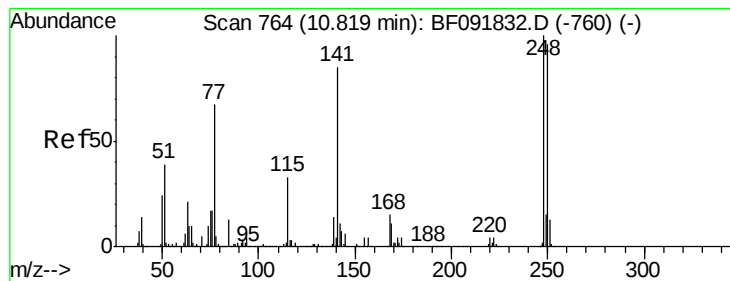
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF092093.D
 Acq: 5 Jan 2017 2:55

Tgt Ion:188 Resp: 604284
 Ion Ratio Lower Upper
 188 100
 94 13.4 10.0 15.0
 80 14.8 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.90 ng

RT: 10.48 min Scan# 752

Delta R.T. -0.25 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

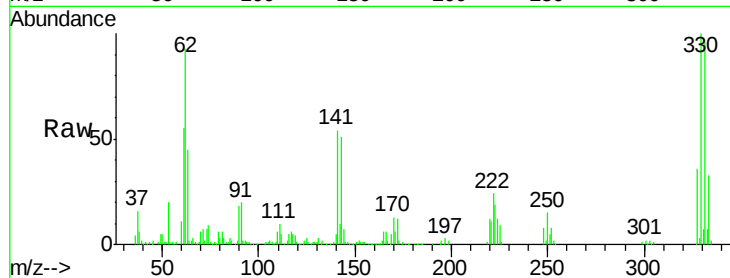
Tgt Ion:248 Resp: 30825

Ion Ratio Lower Upper

248 100

250 191.0 76.9 115.3#

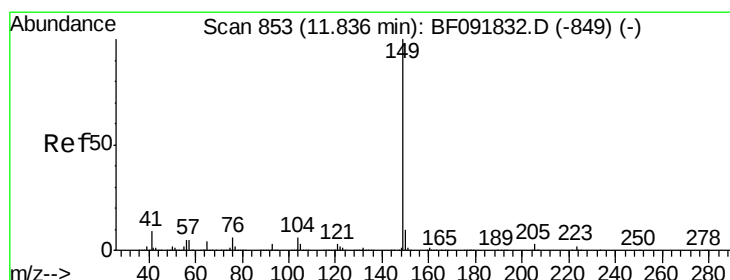
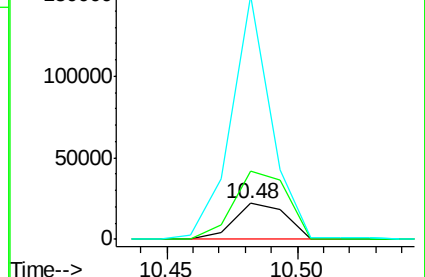
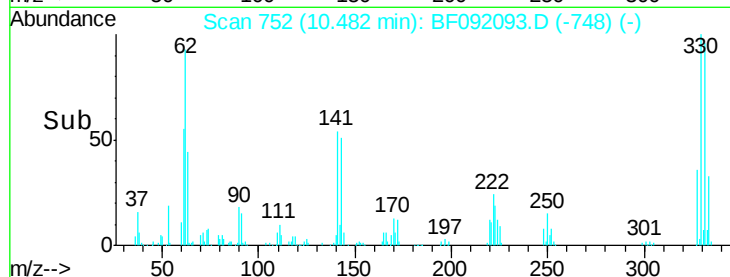
141 676.7 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.75 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

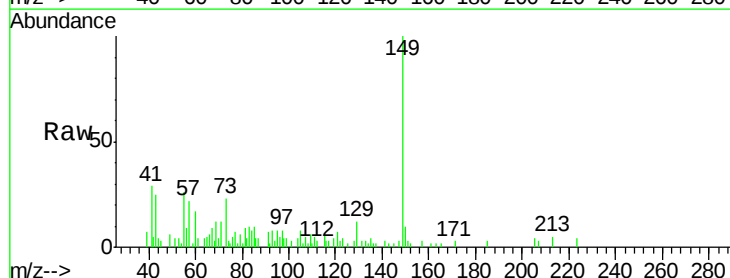
Tgt Ion:149 Resp: 15963

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

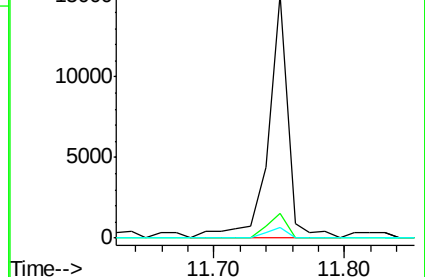
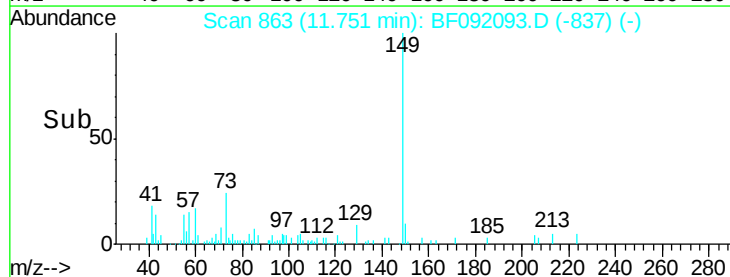
104 4.2 4.6 7.0#

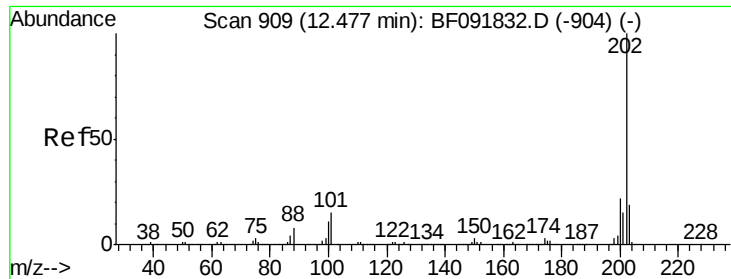


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

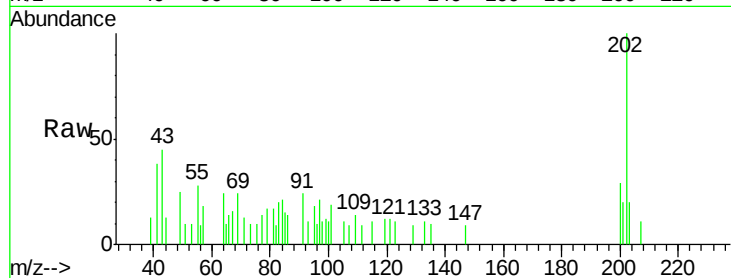




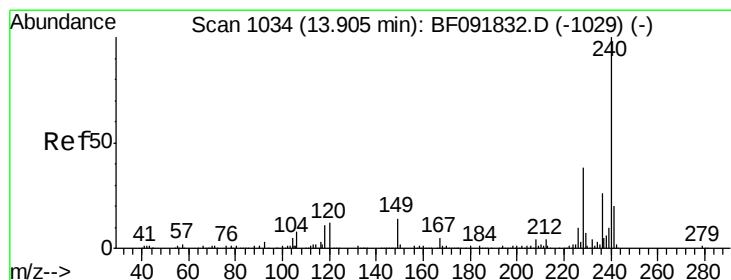
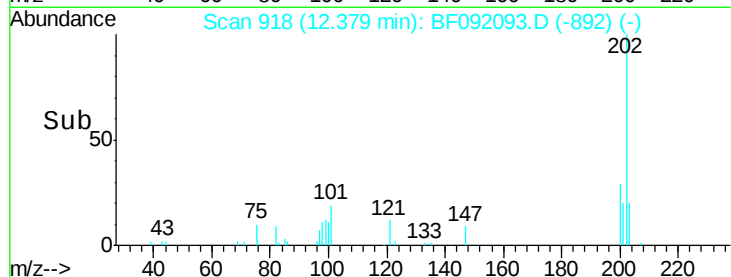
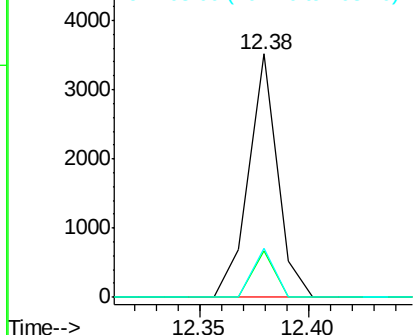
#74
Fluoranthene
Concen: Below Cal
RT: 12.38 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF092093.D
Acq: 5 Jan 2017 2:55

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:	202	Resp:	3255
Ion	Ratio	Lower	Upper
202	100		
101	19.2	0.0	34.6
203	20.0	0.0	38.7

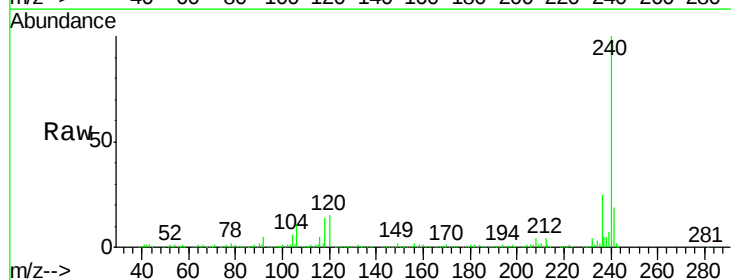


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

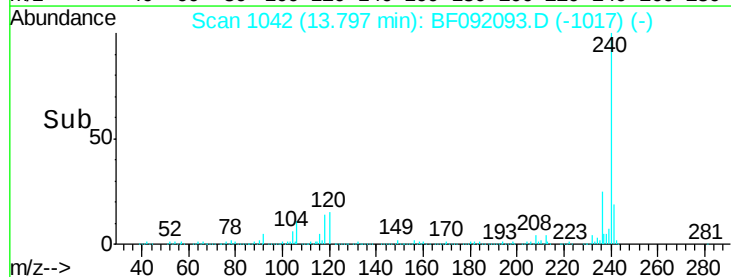
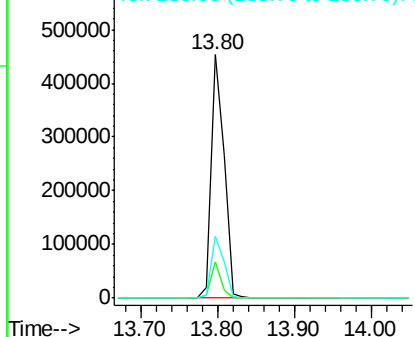


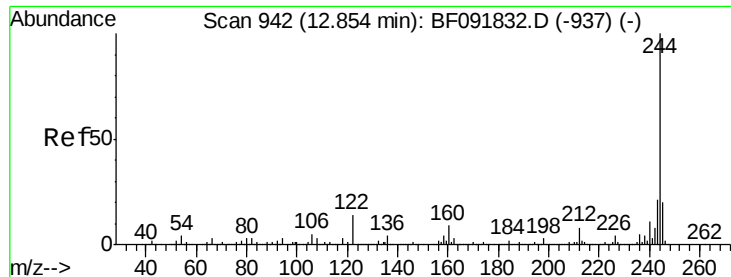
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092093.D
Acq: 5 Jan 2017 2:55

Tgt Ion:	240	Resp:	518806
Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.9	19.3
236	25.3	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.09 ng

RT: 12.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

Instrument :

BNA_F

ClientSampleId :

MW-06

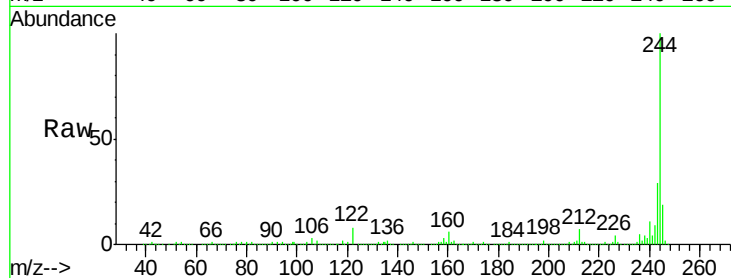
Tgt Ion:244 Resp: 1991266

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

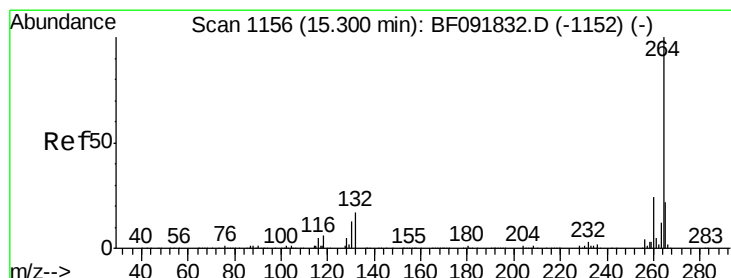
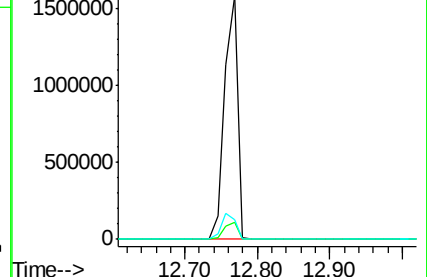
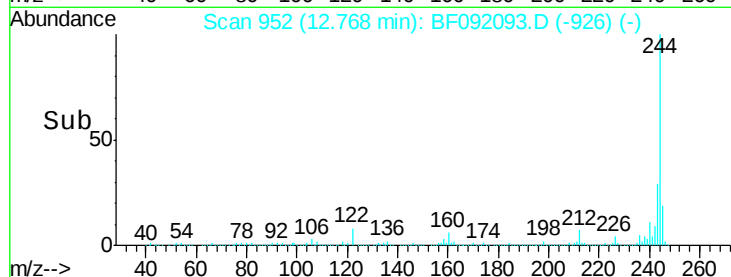
122 8.1 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF092093.D

Acq: 5 Jan 2017 2:55

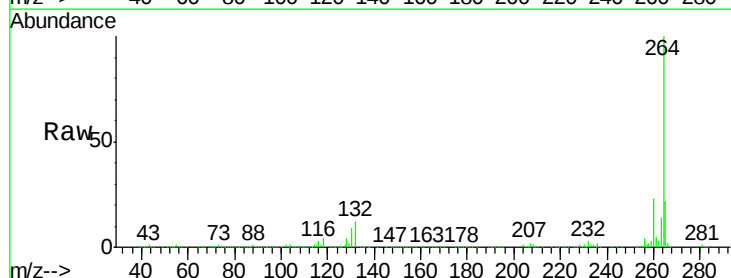
Tgt Ion:264 Resp: 445015

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

